

62-20052

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THE P-T DIAGRAMS FOR THE SYSTEMS $\text{SiO}_2 + \text{C}$
AND $\text{Al}_2\text{O}_3 + \text{C}$. [1962] [20]p. 14 refs.
Order from SLA 51,60 62-20052

Trans. of Schweiz[er] Arch[iv für] Angew[andte]
Wiss[enschaft] und Tech[nik] 1946, v. 12, [no. 6]
p. 189-194.

DESCRIPTORS: *Silicon compounds, Dioxides, *Alu-
minium compounds, Oxides, *Carbon, Phase studies,
Thermodynamics, Dissociation, Pressure, Temper-
ature, *Aluminum, Production.

The P-T diagrams of the systems $\text{SiO}_2 + \text{C}$ and
 $\text{Al}_2\text{O}_3 + \text{C}$ were completed and corrected. For the
system $\text{SiO}_2 + \text{C}$, it is shown that up to 2200° the for-
mation of silicon occurs via the two intermediate steps,
 Si_2C_3 and SiC . For the system $\text{Al}_2\text{O}_3 + \text{C}$, the
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SLA TT-65-10120

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April 55 CTS

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U.S. Navy, Department of the Navy, Washington, D.C.
Subject: [REDACTED]
Reference: [REDACTED]
[REDACTED]

DATA TT 7-5000

14 - [REDACTED]
100 [REDACTED]
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Regenerators of Glass Melting Tanks,
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Ultravioletovogo Izlucheniya Geliya na Solntse),
28 May 62, 13p. NASA-TT-F-6232; N65-24036.
Order from CFSTI, SLA, or ETC: HC\$1.00, MF\$0.50
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See also 'Translated or Abstracted Publications,'
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Measurement of the Solar Far-Ultraviolet Radiation
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E. Brunt, E. Kozlova, M. Maksimova.

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Nov 1949 CTS

Kinetics and Mechanism of Catalytic Hydrogenation of
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Brums.

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RUSSIAN, no per, Zhur Fiz Khim, Vol XXII, No 4, 1948,
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AEC Tr 1168

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Decomposition of Formic Acid and Esterification
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Use of Carboxylic Cation-Exchange Resins for
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Method for the Quantitative Determination of
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RUSSIAN, bimo per, Zhur Anal Khim, Vol IX, No 1,
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Biomycin, by L. B. Senjavina, B. P. Bruns, 6 pp.

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Quantitative Determination of L(+) Lactic Acid
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Borates, Carbonates as Well as Nitrates and Some
Information About a Presumable Boron Oxy Fluoride,
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The Reaction of Boron Fluoride with Aluminum Oxide,
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METHODS OF PRODUCING SODIUM ALKYL
SULPHATES AND THEIR TECHNICAL AND ECONOMIC
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Order from CTS or SLA \$1.60

63-20044

I. Title: Sodium alkyl
sulfates

I. Brunshstein, R. A.
II. Klimenko, V. L.

Trans. of Khimicheskaya Promyshlennost' (USSR) 1961,
no. 4 [p. 253-257].

Another trans. is available from ATS \$14.45 as
ATS-28N58R [1961] 10p.

DESCRIPTORS: *Surface-active substances, *Cleaning
compounds, *Sodium compounds, Alkyl radicals,
*Sulfates, Manufacturing methods, *Fatty acids,
*Alcohols, *Monomers.

The production of sodium alkyl sulphates from alcohols,
obtained by the direct hydration of synthetic fatty acids,
is more advantageous than their production from alco-
hols from the hydration of butyl esters, not only for
(Materials, TI, v. 10, no. 11) (over)

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Order from ATB \$14.45

ATS-28N5SR

Trans. of Khim. [tchenkaya] Prom [yshlennost'] (USSR)
1961 no. 4, p. 31-35.

DESCRIPTORS: *Sodium compounds, *Alkyl radicals,
Sulfates, Manufacturing methods.

ATB 14.45

I. Brunshstein, B. A.
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East Orange, N. J.

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Office of Technical Services

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REur - Germany

Biog ~~SECRET~~

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Order from SIA \$1.60

62-14345

Trans. of Schweissen und Schneiden (West Germany)
1960, v. 12, no. 10, p. 438-446.

DESCRIPTORS: Machines, Automation, Resistance,
Welding, Welded joints, Electrodes, Electric
welding, Feed mechanisms.

Data are presented on circular transfer lines for work-
pieces, straight transfer lines for workpieces, work-
piece feed, welding tools, ejecting the workpieces,
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Trans. of Schweißen und Schneiden (West Germany)
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DESCRIPTORS: Electrodes, Electric welding, *Spot
welding, Sheets, Oscillographs, *Welding

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Scientific - Min/Metals

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Qualitative Integration of a System of n Differential
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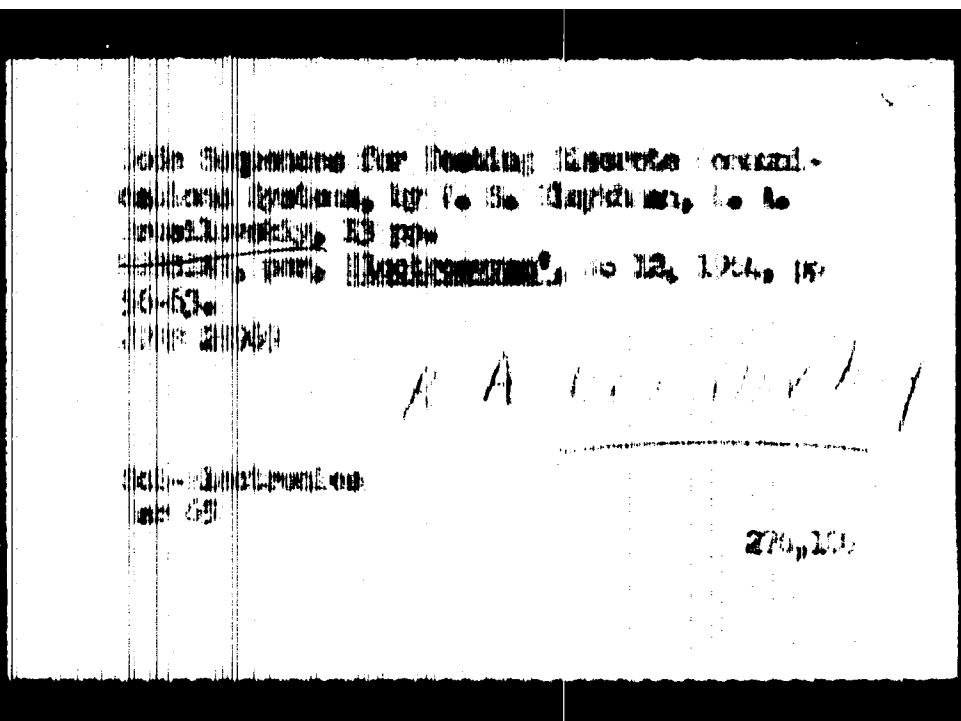
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